

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF PAIN USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623035.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

unation the application on which priority is claimed.		
x no such foreign applications have been filed	•	
such foreign application have been filed as follows:		
·		

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
·			Yes No
	•		Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
•		
	,	
		* -
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CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

Ł	no such U.S	. provisionai	applications	have	been	file

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

Į	х	no such U.S./PCT	applications	have	been	filed

	such U.S./PCT	application	have been	filed as	follows:
	Davin 0.0.71 01	application	IIa ve occii	Titou as	TOHOWS.

Application Number	Relationship	Parent Application	Date of Filing
		·	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

			•	•	
James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson Cheryl L. Becker Portia L. Chen, Dianne Casuto	35,820 35,441 44,075 40,943	Patricia Coleman James Gregory W. Steele David L. Weinstein Michael J. Ward	37,155 33,796 28,128 37,960	Lawrence S. Pope Christopher P. Rogers Nicholas A. Poulos William E. Murray	26,791 36,334 30,209 30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:

John D. Conway Tara Seshadri 39,150 Kenneth Zwicker 48,591

43,310 Gayle B. O'Brien

48,812

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor	
Subhashis Banerjee	
Sole or first inventor's signature	Date
Tuberastirs Danny	11-13-03
Residence	,
Shrewsbury, Massachusetts	
Citizenship US	
Mailing Address	
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Shrewsbury, Massachusetts 01545	
	•
Full name of second inventor	

Full name of second inventor	
Lori K. Taylor	
Second inventor's signature	. Date
	<u> </u>
Residence .	
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Citizenship US	
Mailing Address	
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14576 West Crabapple Drive	
Wadsworth, Illinois 60083	
'	• .

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
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Emmer Green	
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Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Residence	
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Citizenship US	
Mailing Address	
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Full name of fifth inventor	
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Fifth inventor's signature	Date
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Residence	
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Citizenship US	/
Mailing Address	
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Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
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Mailing Address	
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

Full name of seventh inventor	
William T. Barchuk	
Seventh inventor's signature	Date
Seventi inventor a signature	Date
χ	
Residence	
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Citizenship US	
Mailing Address	
95 Madison Avenue	
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Madison, New Jersey 07940	•
<u> </u>	
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
Residence	L
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
	•
368 Old Creek Road	
Vernon Hills, Illinois 60061	
	
Full name of ninth inventor	
Anwar Murtaza	
	Date
Anwar Murtaza	
Anwar Murtaza	
Anwar Murtaza Ninth inventor's signature	
Anwar Murtaza Ninth inventor's signature Residence	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor	<u> </u>
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld	Date
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Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts	Date
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Full name of eleventh inventor					
Steven Fischkoff		•			
Eleventh inventor's signature				Date	
,			•		
Residence				<u> </u>	
Short Hills, New Jersey					
Citizenship US				,	
Mailing Address	7	· · · · · · · · · · · · · · · · · · ·			
5 Canoe Brook Road			-		
Short Hills, New Jersey 07078					
					



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Application Number	Relationship	· Parent Application	Date of Filing
	·		
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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All practitioners at Customer Number 00959 (listed here):

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Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:

John D. Conway

39,150 Kenneth Zwicker

43,310 Gayle B. O'Brien

48,812 .

Tara Seshadri

48,591

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to Elizabeth A. Hanley, Esq. at Customer Number: 00959 whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

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Full name of first inventor	н .				
Subhashis Banerjee					
Sole or first inventor's signature	-	-0		Date	
Residence			•		
Shrewsbury, Massachusetts					٠,
Citizenship US					
Mailing Address					
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35 Hapgood Way	•			•	'
Shrewsbury, Massachusetts 01545	•				. 1
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Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
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	20
Residence .	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	•
Emmer Green	•
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
1 out th inventor 3 signature	Date .
Residence	
Harvard, Massachusetts	
Citizenship US	
	·
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
Tial vard, Massachuseus 01451	
Full name of fifth inventor	
Full name of fifth inventor Elliot K. Chartach	
Elliot K. Chartash	
	Date
Elliot K. Chartash	Date
Elliot K. Chartash Fifth inventor's signature	Date
Elliot K. Chartash Fifth inventor's signature Residence	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive	
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Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	
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Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Library Residence	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Lester S. Heffman Residence Wilmette, Illinois	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Little S. Hoffman Residence Wilmette, Illinois Citizenship US	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Lester S. Heffman Residence Wilmette, Illinois	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Losecu S. Hoffman Residence Wilmette, Illinois Citizenship US Mailing Address	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Little S. Hoffman Residence Wilmette, Illinois Citizenship US	Date

Full name of seventh inventor	,
William T. Barchuk	
Seventh inventor's signature	Date
	, •
Residence	
Madison, New Jersey	•
Citizenship US	
Mailing Address	
95 Madison Avenue	•
Apt. 1	,
Madison, New Jersey 07940	
	· · · · · · · · · · · · · · · · · · ·
Full name of eighth inventor	······································
Philip Yan	
Eighth inventor's signature	Date
Off-1: M	
10 Ways of	Des 8, 2003
Residence	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
	•
	,
Full name of ninth inventor	
Anwar Murtaza Ninth inventor's signature	l n
Milli livelitoi s signature	Date
Residence	
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Citizenship India	
Mailing Address	
50 Commons Drive	
Apt. 30	
Shrewsbury, Massachusetts 01545	•
Full name of tenth inventor	
Jochen G. Salfeld	
Tenth inventor's signature	Date
,	
Residence	
North Grafton, Massachusetts	•
Citizenship Germany	· · · · · · · · · · · · · · · · · · ·
Mailing Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	· ·
·	

Full name of eleventh inventor			_
Steven Fischkoff	-		
Eleventh inventor's signature		Date	
		·	
Residence ·			_
Short Hills, New Jersey			
Citizenship US			_
Mailing Address		+	_
5 Canoe Brook Road	•		
Short Hills, New Jersey 07078			



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60/455777	March 18, 2003	x Yes No		

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I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

Х	no such	U.S./PCT	applications	haye	been	filed.

	such U.S./PCT	application	have been	filed as	follows:
		P P			

Application Number	Relationship	Parent Application	Date of Filing
	1		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

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Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
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DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44.075	David L. Weinstein			•
Dianne Casuto	,		28,128	Nicholas A. Poulos	30,209
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Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
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Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

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John D. Conway

39,150 Kenneth Zwicker

43,310 Gayle B. O'Brien

48,812

Tara Seshadri

48,591

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

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Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor	
Subhashis Banerjee	
Sole or first inventor's signature	Date
•	
Residence	
Shrewsbury, Massachusetts	*
Citizenship US	
Mailing Address	
35 Hapgood Way Shrewsbury, Massachusetts 01545	
	•
Full name of second inventor	
Lori K. Taylor	
Second inventor's signature	Date
Residence	
Wadsworth, Illinois	,
Citizenship US	
Mailing Address	
14576 West Crabapple Drive Wadsworth, Illinois 60083	*

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
· · · · · · · · · · · · · · · · · · ·	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	•
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Variel E Turcey	11/11/03
	1.7.7
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
140 01 1 7 1	
149 Shaker Road	•
Harvard, Massachusetts 01451	•
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	
Fird inventor 5 signature	Date
•	· .
Residence .	
Randolph, New Jersey	·
Citizenship US	
	,
Mailing Address	/
Mailing Address	
28 Edinburgh Drive	
28 Edinburgh Drive	
28 Edinburgh Drive	
28 Edinburgh Drive Randolph, New Jersey 07869	
28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor	
28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	
28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	
28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature	
28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence	
28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois	
28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US	
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28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US Mailing Address	
Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US Mailing Address 1300 Elmwood Avenue Wilmette, Illinois 60091	

Full name of seventh inventor William T. Barchuk	
Seventh inventor's signature	l D-
Seventi inventor's signature	Date .
, · ·	
Residence	· · · · · · · · · · · · · · · · · · ·
Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	·
Madison, New Jersey 07940	
	·
Dall and Color to the Color to	
Full name of eighth inventor Philip Yan	
Eighth inventor's signature	Date
Lights involved 3 signature	Date
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Residençe	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
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368 Old Creek Road Vernon Hills, Illinois 60061	
Vendi i inis, i i inis occor	•
,	
Full name of ninth inventor .	
Anwar Murtaza	
Ninth inventor's signature	Date
Residence	
Shrewsbury, Massachusetts	
Citizenship India	
Mailing Address	· · · · · · · · · · · · · · · · · · ·
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Apt. 30	·
Shrewsbury, Massachusetts 01545	•
	
Full name of tenth inventor	-14
Jochen G. Salfeld	
Tenth inventor's signature	Date
	Date
Residence	
North Grafton, Massachusetts	
Citizenship Germany	•
Mailing Address	
177 Old Wastham Band	•
177 Old Westboro Road North Grafton, Massachusetts 01536	
Troitii Gratton, Prassachusetts 01330	•

Full name of eleventh inventor			
Steven Fischkoff	•	• .	
Eleventh inventor's signature		Date	
Residence			
Short Hills, New Jersey			
Citizenship US			•
Mailing Address			
5 Canoe Brook Road			
Short Hills, New Jersey 07078		**	÷



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF PAIN USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623035.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed	
such foreign application have been filed as follows:	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

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x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

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Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
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Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to: John D. Conway 39,150 Kenneth Zwicker 43,310 Gayle B. O'Brien 48,812 48,591 Tara Seshadri all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith. Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is: LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109 Direct Telephone Calls to: Elizabeth A. Hanley, Esq., (617) 227-7400 Full name of first inventor Subhashis Banerjee Sole or first inventor's signature Date Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date Residence Wadsworth, Illinois

Citizenship

Mailing Address

US

14576 West Crabapple Drive Wadsworth, Illinois 60083

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
Timu mventoi s signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
E. W. CCOL	
Full name of fifth inventor Elliot K. Chartash	
Fifth inventor's signature	I Date
	Date
Eller Il Christ	10 NOV 03
Residence	
Randolph, New Jersey	
Citizenship US	•
Mailing Address	
28 Edinburgh Drive	
Randolph, New Jersey 07869	
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
Residence	
Wilmette, Illinois	
Citizenship US	
Mailing Address	.,
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

Full name of seventh inventor William T. Barchuk	
Seventh inventor's signature	Date
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	
Madison, New Jersey 07940	•
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
P. II	
Residence Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
Full name of ninth inventor Anwar Murtaza	
Ninth inventor's signature	Date
Nildi inventor 3 signature	Bate
Residence	
Shrewsbury, Massachusetts	
Citizenship India	
Mailing Address	
50 Commons Drive	
Apt. 30	
Shrewsbury, Massachusetts 01545	
Full name of tenth inventor	
Jochen G. Salfeld	
Tenth inventor's signature	Date
Residence	L
North Grafton, Massachusetts	
Citizenship Germany	
Mailing Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	
1	

Full name of eleventh inventor	
Steven Fischkoff	
Eleventh inventor's signature	Date
Residence	
Short Hills, New Jersey	
Citizenship US	
Mailing Address	
5 Canoe Brook Road	
Short Hills, New Jersey 07078	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

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L				Yes No	
				Yes No	
				Yes No	

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Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
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DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

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all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

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Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
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Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
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Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:

John D. Conway Tara Seshadri 39,150 Kenneth Zwicker 48,591

43,310 Gayle B. O'Brien

48,812

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor	
Subhashis Banerjee	
Sole or first inventor's signature	Date
	, ,
Residence	-
Shrewsbury, Massachusetts	
Citizenship US	
Mailing Address	
35 Hapgood Way	· .
Shrewsbury, Massachusetts 01545	· .
Full name of second inventor	
Lori K. Taylor	•
Second inventor's signature	Date
Residence	
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Citizenship US	
Mailing Address	
•	
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Wadsworth, Illinois 60083	

Full name of third inventor Clive E. Spiegler	
Third inventor's signature	Date .
	·
Residence	
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Citizenship US	
Mailing Address	
70 Peppard Road	
Emmer Green	•
Reading	•
Berkshire; RG4 8TL; UNITED KINGDOM	•
	<u> </u>
Full name of fourth inventor	
Daniel Edward Tracey	<u> </u>
Fourth inventor's signature	Date
	·
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
,	
149 Shaker Road	
Harvard, Massachusetts 01451	
	•
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
	-X-
Residence	
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Citizenship US	
Mailing Address	
28 Edinburgh Drive	
Randolph, New Jersey 07869	
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
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Residence	
Residence . Wilmette, Illinois	
Residence Wilmette, Illinois Citizenship US	
Residence . Wilmette, Illinois	· · · · · · · · · · · · · · · · · · ·
Residence Wilmette, Illinois Citizenship US	•
Residence Wilmette, Illinois Citizenship US Mailing Address	

Full name of seventh inventor William T. Barchuk	
Seventh inventor's signature	Date
Seventi inventor s'signature	7 Date
11) Ward Mill	11/6/03
Resilience	77
Madison, New Jersey	·
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	
Madison, New Jersey 07940	•
	<u>-</u>
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
	·
Residence Vernon Hills, Illinois	•
	· · · · · · · · · · · · · · · · · · ·
Citizenship US Mailing Address	· .
Maining Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
Full name of ninth inventor	
Anwar Murtaza	
Ninth inventor's signature	Date
	Bate
Residence	
Shrewsbury, Massachusetts	
Citizenship India	
Mailing Address	•
50 Commons Drive	*
Apt. 30 Shrewsbury, Massachusetts 01545	
onewood y, wassachuseus 01545	
Full name of tenth inventor	
Jochen G. Salfeld	
Tenth inventor's signature	Date
·	
Residence	· .
North Grafton, Massachusetts	
Citizenship Germany .	
Mailing Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	

Full name of eleventh inventor	•			
Steven Fischkoff				
Eleventh inventor's signature			Date	
·		•		
Residence			<u> </u>	
Short Hills, New Jersey				
Citizenship US				-
Mailing Address				
5 Canoe Brook Road Short Hills, New Jersey 07078		·		,
		· · · · · · · · · · · · · · · · · · ·	·	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF PAIN USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623035.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed	
such foreign application have been filed as follows:	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

	no such U	J. S . ₁	provisional	applications	have	been	filed
--	-----------	----------------------------	-------------	--------------	------	------	-------

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

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Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

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١		such U.S./PCT application have been filed as follows:

Application Number	Relationship	Parent Application	Date of Filing
			W44

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

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Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
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Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

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and to:

Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

[.] all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and	to:
-----	-----

John D. Conway

39,150 Kenneth Zwicker

43,310 Gayle B. O'Brien

48,812

Tara Seshadri 48,591

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Send Correspondence to Elizabeth A. Hanley, Esq. at Customer Number: 00959 whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109 Direct Telephone Calls to: Elizabeth A. Hanley, Esq., (617) 227-7400 Full name of first inventor Subhashis Banerjee Sole or first inventor's signature Date Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545

Full name of second inventor	
Lori K. Taylor	
Second inventor's signature	Date
	_
Residence	
Wadsworth, Illinois	
Citizenship US	
Mailing Address	
14576 West Crabapple Drive	
Wadsworth, Illinois 60083	

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	······
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Davidson	<u> </u>
Residence Harvard, Massachusetts	
Citizenship US	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
That varia, whassachusetts of 45 f	
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
Residence	
Randolph, New Jersey	
Citizenship US	
Mailing Address	
00 E !! 1 E !	
28 Edinburgh Drive Randolph, New Jersey 07869	
Kanuoipii, New Jeisey 0/003	
Full rouse of circle inventor	
Full name of sixth inventor Rebecca S. Hoffman	
Sixth inventor's signature	Date
Sixui inventor 3 signature	Date
Residence	1
Wilmette, Illinois	
Citizenship US	
Mailing Address	
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

Full name of seventh inventor William T. Barchuk	
Seventh inventor's signature	Date
Seventi inventor s signature	Date
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	
Madison, New Jersey 07940	
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
Residence	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
Full name of ninth inventor	
Anwar Murtaza Ninth inventor's signature	Data
Nindi inventor's signature	Date
Anway Tunes	11/18/03
Residence	
Westborough, Massachusetts	
Citizenship India	
Mailing Address	
30 Treetop Park	
Westborough, Massachusetts 01581	
Full name of tenth inventor	
Jochen G. Salfeld	
Tenth inventor's signature	Date
Residence	1
North Grafton, Massachusetts	
Citizenship Germany	
Mailing Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	
I and the second	

Full name of eleventh inventor	
Steven Fischkoff	
Eleventh inventor's signature	Date
Residence	
Short Hills, New Jersey	
Citizenship US	
Mailing Address	
5 Canoe Brook Road Short Hills, New Jersey 07078	



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I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF PAIN USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623035.

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x no such foreign applications have been filed	· . ·
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EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
,			Yes No
		·	Yes No
			Yes No

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Application Number	Country	Date of Filing
·		

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

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ı			 .	providendi	appirou	u O I I S	11410	00011	mou.

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--

	such U.S./PCT	application	have been	filed a	s follows:
--	---------------	-------------	-----------	---------	------------

Application Number	Relationship	Parent Application	Date of Filing

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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All practitioners at Customer Number 00959 (listed here):

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Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
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Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
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DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
·Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
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Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and	to:
anu	ιŲ.

John D. Conway Tara Seshadri 39,150 Kenneth Zwicker . 48,591

43,310 Gayle B. O'Brien

48,812

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor	
Subhashis Banerjee	
Sole or first inventor's signature	Date
· ·	
Residence	
Shrewsbury, Massachusetts	
Citizenship US	
Mailing Address .	
35 Hapgood Way	
Shrewsbury, Massachusetts 01545	÷
	<u></u>
Full name of second inventor	
Lori K. Taylor	·
Second inventor's signature	Date
•	
Residence	
Wadsworth, Illinois	
Citizenship US	
Mailing Address	
14576 West Crabapple Drive	
Wadsworth, Illinois 60083	

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
Residence	
Reading, Berrkshire, United Kingdom	•
Citizenship · US	
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
	,
	·
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
That inventor 3 signature	Date
·	
Residence	
Randolph, New Jersey	
Citizenship US	. ,
Mailing Address	
	•
28 Edinburgh Drive	
Randolph, New Jersey 07869	
Full name of sixth inventor	
Rebecca S. Hoffman	·
Sixth inventor's signature	Date
*	
D.::1	
Residence Wilmotto Illinois	•
Wilmette, Illinois	
Citizenship US .	
Mailing Address	
1200 El A	
1300 Elmwood Avenue Wilmette, Illinois 60091	
winnere, filliois 00031	•

Full name of seventh inventor	
William T. Barchuk	
Seventh inventor's signature	Date
·	
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	, , , , , , , , , , , , , , , , , , , ,
95 Madison Avenue	•
Apt. 1	
Madison, New Jersey 07940	•
•	
Full name of eighth inventor	
Philip Yan	(4)
Eighth inventor's signature	Date .
	·
Residence	I
Vernon Hills, Illinois	
Citizenship US .	
Mailing Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
Full name of ninth inventor Anwar Murtaga	
Anwar Murtaza	Date
	Date
Anwar Murtaza Ninth inventor's signature	Date
Anwar Murtaza Ninth inventor's signature Residence	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen Salfeld	
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Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of unth inventor Jochen Salfeld Tentri aventor's signature Residence North Grafton, Massachusetts Citizenship Germany Mailing Address	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts Citizenship Germany	

Full name of eleventh inventor				
Steven Fischkoff	•			
Eleventh inventor's signature	•		Date	
·				
Residence				
Short Hills, New Jersey	. •			•
Citizenship US				
Mailing Address				
		•		
5 Canoe Brook Road				
Short Hills, New Jersey 07078	•		•	-
		•		



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such foreign application have been filed as follows:	:	•			

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Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
,		·	Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
	<u> </u>	

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

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r				•				
1	ı	no cuch	TIC	measicianal	applications	h	L	C:1-1
1	Į	no such	U.S.	provisionar	applications	nave	been	mea.
1				1	1 1			

x such U.S. provisional application have been filed as follows:

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Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

a	to:
a	t۱

John D. Conway Tara Seshadri 39,150 Kenneth Zwicker

48,591

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jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at Customer Number: 00959 whose address is:

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Philip Yan Eighth inventor's signature	<u> </u>
Eighth inventor's signature .	Date
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Full name of tenth inventor	
Jochen G. Salfeld	
Tenth inventor's signature	Date
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Full name of eleventh inventor
Steven Fischkoff
Eleventh inventor's signature Date
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5 Canoe Brook Road
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF PAIN USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/623035.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed	
such foreign application have been filed as follows:	٠.

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing		
		· ×		

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

	no s	uch	U.S.	provisional	applications	have	been	filed.
--	------	-----	------	-------------	--------------	------	------	--------

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

Х	no	such	U.S.	/PCT	`applica	ations	have	been	filed	•

	Y				
	 such U.S./PCT	1	1 1	C:1 1	C 11
	 I SHOD LES /PULL	anniication	have her	en tiled 1	se tollower.
- 1		application	Have be		as ioniows.

Application Number	Relationship	Parent Application	Date of Filing

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
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DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

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Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

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39,150 Kenneth Zwicker

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Tara Seshadri 48,591

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Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is:

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Elizabeth A. Hanley, Esq., (617) 227-7400

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•	
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· ·	

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
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Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
	•
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Mailing Address	
140 Chalana Dan 1	
149 Shaker Road	
Harvard, Massachusetts 01451	•
·	-
Full name of fifth inventor	<u> </u>
Elliot K. Chartash	•
Fifth inventor's signature	Date
1 Mar Inventor 3 Signature	
Residence	L
Randolph, New Jersey	
Citizenship US	,
Mailing Address	
28 Edinburgh Drive	•
Randolph, New Jersey 07869	•
Full name of sixth inventor	
Rebecca S. Hoffman	•
Sixth inventor's signature	Date .
	<u> </u>
Residence	
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Citizenship US	
Mailing Address	
1300 Filmwood Avenue	
1300 Elmwood Avenue Wilmette, Illinois 60091	·
,	

Full name of seventh inventor	·
·	
William T. Barchuk	
Seventh inventor's signature	Date ·
*	·
Residence	
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Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	•
Madison, New Jersey 07940	
Full name of eighth inventor	(2)
Philip Yan	
Eighth inventor's signature	Date
'‰	
Residence	<u> </u>
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Citizenship US	
Mailing Address	•
368 Old Creek Road	
Vernon Hills, Illinois 60061	
, (Cinon 11113, 11111013 00001	·
Full name of ninth inventor	
Anwar Murtaza	*-
Ninth inventor's signature	Date
Residence	
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Mailing Address	
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Apt. 30	
Shrewsbury, Massachusetts 01545	
, , , , , , , , , , , , , , , , , , , ,	
Full name of tenth inventor	
Jochen G. Salfeld	
	Date
Jochen G. Salfeld	Date
Jochen G. Salfeld Tenth inventor's signature	Date
Jochen G. Salfeld Tenth inventor's signature Residence	Date
Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts	Date
Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts Citizenship Germany	Date
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Full name of eleventh inventor			
Steven Fischkoff	•		
Eleventh inventor's signature		Date	
	•	'	•
Residence			<u> </u>
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Mailing Address		:	
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